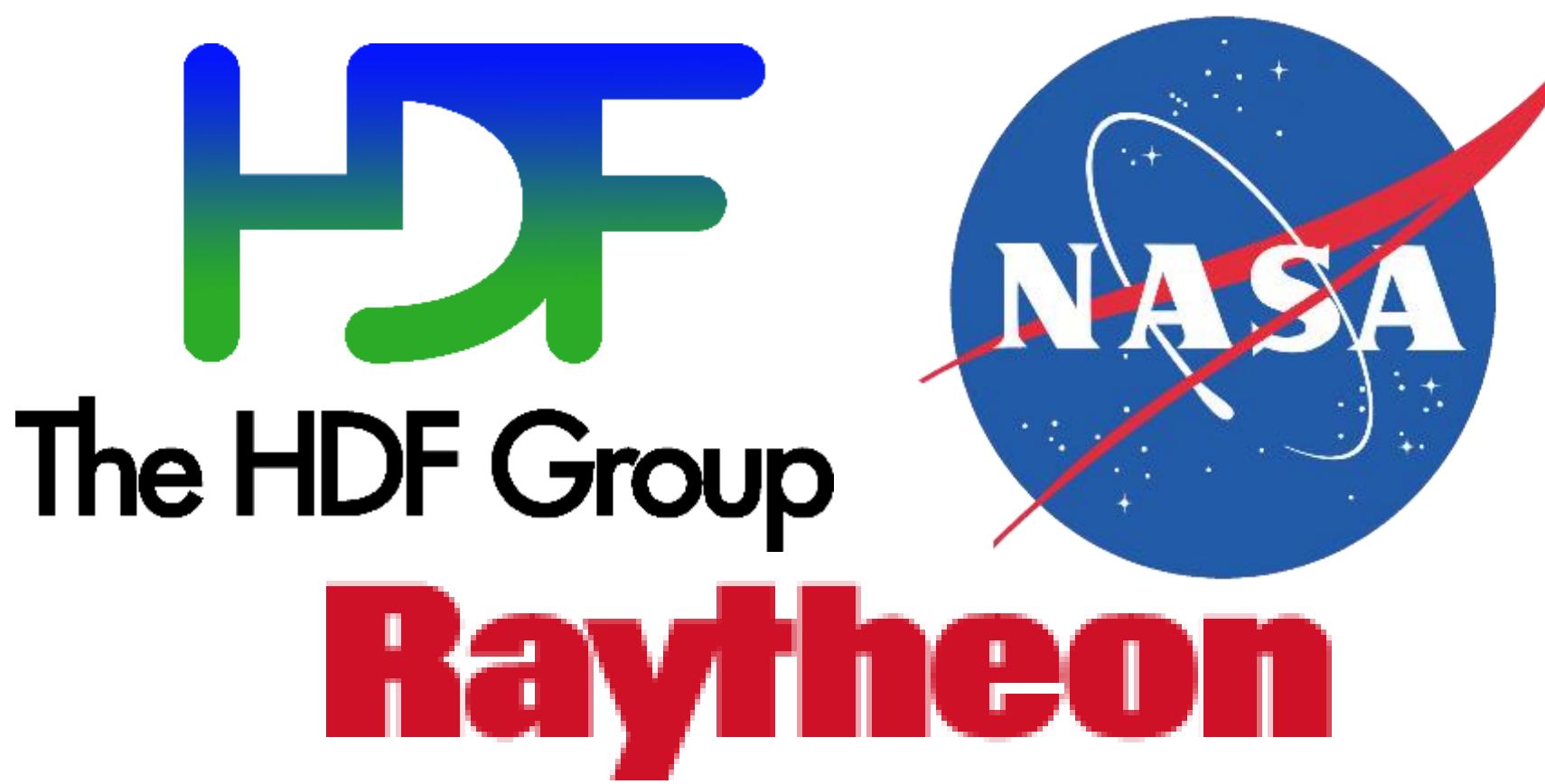


Evaluating and Evolving Metadata in Multiple Dialects

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QUICK EVALUATION REPORT

Quick Evaluation reports provide an empirical analysis of fields (XML) organizations actually use in metadata collections. They are ideal for comparing metadata across collections.

Metadata Contact

Concept	Element Path	Collections															
		ASF	CDDIS	GES_DISC	GHRC	GSFC54PA	LAADS	LANCEMODIS	LARC	LARC_ASDC	LPDAAC_ECS	NSIDC_ECS	OB_DAAC	OMNIRT	ORNL_DAAC	PODAAC	USGS_EROS
gmd:organisationName	gmd:contact/gmd:organisationName	1.00	1.00		1.00	1.00		1.00	34	45	1.00	93	1.00	1.00	1.00	1.00	1.00
gmd:CI_RoleCode	gmd:contact/gmd:role/gmd:CI_RoleCode	1.00	1.00		1.00	2.01		1.00	34	45	1.00	93	1.00	1.00	1.00	1.00	1.00
gmd:individualName	gmd:contact/gmd:individualName								1.01								
gmd:deliveryPoint	gmd:contact/gmd:deliveryPoint/gmd:address/gmd:deliveryPoint											1.00					
gmd:city	gmd:contact/gmd:city											1.00					
gmd:administrativeArea	gmd:contact/gmd:administrativeArea/gmd:administrativeArea											1.00					
gmd:postCode	gmd:contact/gmd:postCode											1.00					
gmd:country	gmd:contact/gmd:country											1.00					
gmd:voice	gmd:contact/gmd:voice/gmd:voice											1.00					1.38

Differences between collections reflect different approaches to providing contact information.

Distributor Contact

Concept	Element Path	Collections															
		ASF	CDDIS	GES_DISC	GHRC	GSFC54PA	LAADS	LANCEMODIS	LARC	LARC_ASDC	LPDAAC_ECS	NSIDC_ECS	OB_DAAC	OMNIRT	ORNL_DAAC	PODAAC	USGS_EROS
gmd:CI_RoleCode	gmd:distributionInfo/gmd:distributor/gmd:role/gmd:CI_RoleCode	1.00	1.00	1.00	1.00	1.11	1.00	1.00	1.00	1.35	2.00	1.00	1.00	1.00	1.00	1.00	1.00
gmd:voice	gmd:distributionInfo/gmd:distributor/gmd:role/gmd:voice	1.00	2.00			2.21			1.03	79	1.00	1.00	93	2.00	1.00	4.00	
gmd:organisationName	gmd:distributionInfo/gmd:distributor/gmd:organisationName								98	1.00	2.00	1.00	99	1.00	1.00	1.00	1.00
gmd:deliveryPoint	gmd:distributionInfo/gmd:distributor/gmd:deliveryPoint/gmd:deliveryPoint								34	79	1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:city	gmd:distributionInfo/gmd:distributor/gmd:city								34	79	1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:administrativeArea	gmd:distributionInfo/gmd:distributor/gmd:administrativeArea/gmd:administrativeArea								34	79	1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:postCode	gmd:distributionInfo/gmd:distributor/gmd:postCode								34	79	1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:country	gmd:distributionInfo/gmd:distributor/gmd:country								34	79	1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:individualName	gmd:distributionInfo/gmd:distributor/gmd:individualName								35		1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:contactInstructions	gmd:distributionInfo/gmd:distributor/gmd:contact/gmd:contactInstructions								34	79	1.00	1.00	92				
gmd:hoursOfService	gmd:distributionInfo/gmd:distributor/gmd:contact/gmd:hoursOfService								78		1.00	1.00	93				
gmd:positionName	gmd:distributionInfo/gmd:distributor/gmd:positionName								35		1.00	1.00	93	1.00	1.00	1.00	1.00
gmd:facsimile	gmd:distributionInfo/gmd:distributor/gmd:contact/gmd:facsimile								78		1.00	1.00	93				
gmd:electronicAddress	gmd:distributionInfo/gmd:distributor/gmd:contact/gmd:electronicAddress								21	55							

Distributor contacts are more heterogeneous across collections and many include mailing information.

Email

Concept	Collections															
	ASF	CDDIS	GES_DISC	GHRC	GSFC54PA	LAADS	LANCEMODIS	LARC	LARC_ASDC	LPDAAC_ECS	NSIDC0	NSIDC_ECS	OMNIRT	PODAAC	SEDAC	USGS_EROS
Metadata Contact						.91										
Distribution Contact	1.00	1.00	1.00		1.14	1.00	1.00	1.32	1.00	1.00	1.00			.99	1.00	
Resource Author / Originator						.95	98	1.00	.48			.94	.03	1.68		
Point of Contact						.57										
Processor																

E-mail is the most common contact mechanism in use today but this information is missing from many collections.

RECOMMENDATION ANALYSIS DASHBOARD

The Recommendation Analysis Dashboard is an exploratory metadata evaluation tool. It enables metadata for a single dialect to be easily evaluated using multiple recommendation, such as OGC Catalogue Services for Web (CSW) or Data Citation (DataCite).

